

# INTERNATIONAL SEARCH REPORT

International Application No  
PC1/GB2004/004460

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A61K47/02 A61K9/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/170280 A1 (CANHAM LEIGH T ET AL) 11 September 2003 (2003-09-11) cited in the application paragraphs '0029! - '0032! paragraphs '0119!, '0120!, '0142!, '0143! paragraphs '0171! - '0173! paragraphs '0221! - '0225!	1-35
X	US 2003/134424 A1 (CANHAM LEIGH T ET AL) 17 July 2003 (2003-07-17) cited in the application paragraph '0040! paragraphs '0195! - '0201!	1-35
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*G\* document member of the same patent family

Date of the actual completion of the international search

23 February 2005

Date of mailing of the international search report

10/03/2005

Name and mailing address of the ISA

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Inte: - onal Application No  
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 02/067998 A (PSIMEDICA LIMITED; CANHAM, LEIGH, TREVOR; ASTON, ROGER) 6 September 2002 (2002-09-06) cited in the application page 7, line 29 - page 8, line 3 page 8, lines 21-29 page 27, lines 15-33</p>	1-16, 24-35
X	<p>WO 03/011251 A (PSIMEDICA LIMITED; CANHAM, LEIGH, TREVOR; ASTON, ROGER) 13 February 2003 (2003-02-13) cited in the application page 7, line 28 - page 8, line 10 page 9, line 27 - page 10, line 12 page 14, lines 10-24</p>	1-16, 24-35
X	<p>KARLSSON L M ET AL: "Penetration and loading of human serum albumin in porous silicon layers with different pore sizes and thicknesses." JOURNAL OF COLLOID AND INTERFACE SCIENCE. 1 OCT 2003, vol. 266, no. 1, 1 October 2003 (2003-10-01), pages 40-47, XP002318975 ISSN: 0021-9797 page 40 page 44, column 2</p>	1-12, 24-35
X	<p>FORAKER AMY B ET AL: "Microfabricated porous silicon particles enhance paracellular delivery of insulin across intestinal Caco-2 cell monolayers." PHARMACEUTICAL RESEARCH. JAN 2003, vol. 20, no. 1, January 2003 (2003-01), pages 110-116, XP002318976 ISSN: 0724-8741 page 110 - page 111 page 114</p>	1-16, 24-35

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national application No.  
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## Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: —  
because they relate to subject matter not required to be searched by this Authority, namely:  
Although claims 15 and 16 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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International Application No  
PCT/GB2004/004460

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003170280 A1	11-09-2003	GB 2365769 A AU 7860201 A CA 2415782 A1 DE 60106275 D1 EP 1309309 A1 WO 0215863 A1 JP 2004506672 T NZ 524010 A	27-02-2002 04-03-2002 28-02-2002 11-11-2004 14-05-2003 28-02-2002 04-03-2004 30-07-2004
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